Filing Date: December 31, 2003

Title: DISTRIBUTED AND DYNAMIC CONTENT REPLICATION FOR SERVER CLUSTER ACCELERATION

IN THE CLAIMS

Please amend the claims as follows:

- (Previously Presented) A server comprising: 1.
 - a processor;
 - a memory;
 - a system area network connection;
 - a local area network connection;

wherein the processor, memory, system area network connection, and local area network connection are operably interconnected within the server; and

software held in the memory and operable on the processor to:

load unique content into the memory from a storage location, receive requests for content over the local area network connection,

service requests for the content in memory,

service requests for content located in a random access memory of another server prime with content by obtaining the content over the system area network connection, wherein the another server is identified as a function of a table holding content availability and location data of content primed to and held in random access memories of one or more other servers; and

cache content used to service request for content located in the memory of the other server for use in servicing subsequent requests for identical content.

- (Original) The server of claim 1, wherein the software operable on the processor is a 2. component of an operating system of the server.
- (Original) The server of claim 1, wherein the software operable on the processor is a 3 driver.

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- (Original) The server of claim 1, wherein the software operable on the processor is a middleware component.
- (Original) The server of claim 1, wherein the system area network is a Gigabit Ethernet network.
- (Original) The server of claim 5, wherein the Gigabit Ethernet network is TCP Offload Engine enabled.
- (Original) The server of claim 1, wherein the unique content is loaded into memory prior to the server being available to service content requests.
- 8. 23. (Canceled)